Bartosz Walczak

List of Publications by Year
in descending order

37 papers	329 citations	1040056 9 h-index	940533 16 g-index
38 all docs	38 docs citations	38 times ranked	138 citing authors

#	Article	IF	Citations
1	Clustered 3-colouring graphs of bounded degree. Combinatorics Probability and Computing, 2022, 31, 123-135.	1.3	7
2	Degeneracy of P-free and Câ©¾-free graphs with no large complete bipartite subgraphs. Journal of Combinatorial Theory Series B, 2022, 152, 353-378.	1.0	3
3	Subexponential-Time Algorithms for Finding Large Induced Sparse Subgraphs. Algorithmica, 2021, 83, 2634-2650.	1.3	3
4	Sparse Kneser graphs are Hamiltonian. Journal of the London Mathematical Society, 2021, 103, 1253-1275.	1.0	7
5	Coloring Curves that Cross a Fixed Curve. Discrete and Computational Geometry, 2019, 61, 830-851.	0.6	10
6	Outerstring Graphs are chi-Bounded. SIAM Journal on Discrete Mathematics, 2019, 33, 2181-2199.	0.8	9
7	Dimension of posets with planar cover graphs excluding two long incomparable chains. Journal of Combinatorial Theory - Series A, 2019, 164, 1-23.	0.8	4
8	Sparse Kneser graphs are Hamiltonian. , 2018, , .		2
9	Graph Sharing Game and the Structure of Weighted Graphs with a Forbidden Subdivision. Journal of Graph Theory, 2017, 85, 22-50.	0.9	3
10	Extending Partial Representations of Trapezoid Graphs. Lecture Notes in Computer Science, 2017, , 358-371.	1.3	7
11	Boolean Dimension and Local Dimension. Electronic Notes in Discrete Mathematics, 2017, 61, 1047-1053.	0.4	6
12	On-Line Approach to Off-Line Coloring Problems on Graphs with Geometric Representations. Combinatorica, 2017, 37, 1139-1179.	1.2	11
13	On the Beer Index of Convexity and Its Variants. Discrete and Computational Geometry, 2017, 57, 179-214.	0.6	2
14	Minors and dimension. Journal of Combinatorial Theory Series B, 2017, 122, 668-689.	1.0	12
15	Decomposition of Multiple Packings with Subquadratic Union Complexity. Combinatorics Probability and Computing, 2016, 25, 145-153.	1.3	2
16	Tree-width and dimension. Combinatorica, 2016, 36, 431-450.	1.2	23
17	Graph Drawings with One Bend and Few Slopes. Lecture Notes in Computer Science, 2016, , 549-561.	1.3	4
18	Coloring Triangle-Free Rectangle Overlap Graphs with $$O(log log n)$$ O (log log n) Colors. Discrete and Computational Geometry, 2015, 53, 199-220.	0.6	10

#	Article	IF	Citations
19	Triangle-Free Geometric Intersection Graphs with NoÂLargeÂIndependent Sets. Discrete and Computational Geometry, 2015, 53, 221-225.	0.6	3
20	New bounds on the maximum number of edges in k-quasi-planar graphs. Computational Geometry: Theory and Applications, 2015, 50, 24-33.	0.5	25
21	Asymmetric Coloring Games on Incomparability Graphs. Electronic Notes in Discrete Mathematics, 2015, 49, 803-811.	0.4	4
22	Minors and Dimension. , 2015, , .		2
23	Triangle-free intersection graphs of line segments with large chromatic number. Journal of Combinatorial Theory Series B, 2014, 105, 6-10.	1.0	56
24	An extremal problem on crossing vectors. Journal of Combinatorial Theory - Series A, 2014, 128, 41-55.	0.8	2
25	Coloring Intersection Graphs of Arc-Connected Sets in the Plane. Discrete and Computational Geometry, 2014, 52, 399-415.	0.6	10
26	Outerstring graphs are Ï‡-bounded. , 2014, , .		5
27	Outerplanar graph drawings with few slopes. Computational Geometry: Theory and Applications, 2014, 47, 614-624.	0.5	14
28	Coloring Relatives of Interval Overlap Graphs via On-line Games. Lecture Notes in Computer Science, 2014, , 738-750.	1.3	2
29	Triangle-Free Geometric Intersection Graphs with Large Chromatic Number. Discrete and Computational Geometry, 2013, 50, 714-726.	0.6	19
30	Coloring Triangle-Free Rectangular Frame Intersection Graphs with O(loglogn) Colors. Lecture Notes in Computer Science, 2013, , 333-344.	1.3	1
31	New Bounds on the Maximum Number of Edges in k-Quasi-Planar Graphs. Lecture Notes in Computer Science, 2013, , 95-106.	1.3	2
32	Coloring intersection graphs of arcwise connected sets in the plane. , 2013, , 299-304.		1
33	Parity in graph sharing games. Discrete Mathematics, 2012, 312, 1788-1795.	0.7	6
34	Outerplanar Graph Drawings with Few Slopes. Lecture Notes in Computer Science, 2012, , 323-334.	1.3	5
35	A Graph-Grabbing Game. Combinatorics Probability and Computing, 2011, 20, 623-629.	1.3	17
36	A simple representation of subwords of the Fibonacci word. Information Processing Letters, 2010, 110, 956-960.	0.6	5

#	Article	IF	Citations
37	Dimension and Cut Vertices: An Application of Ramsey Theory. , 0, , 187-199.		5